Fig.1

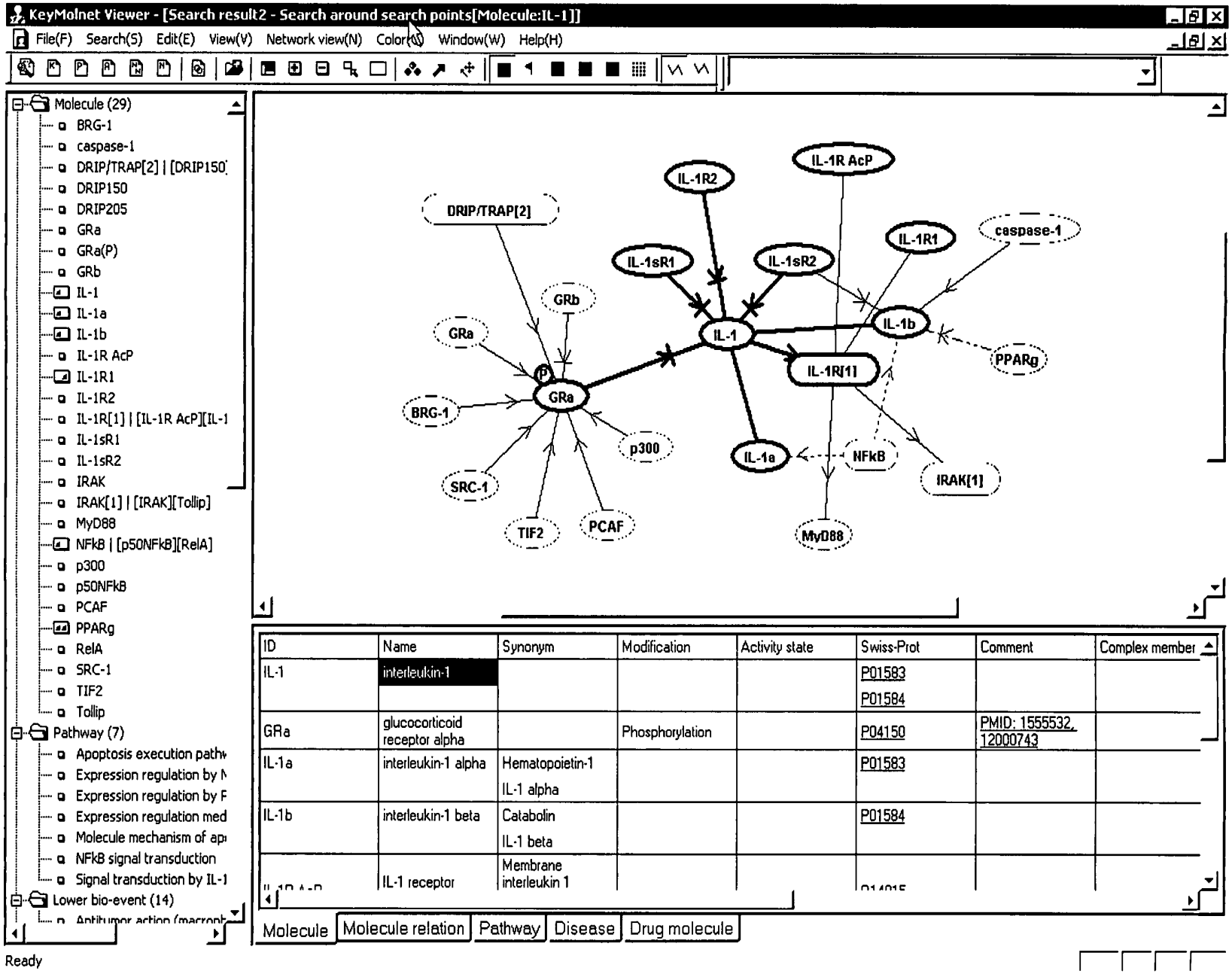

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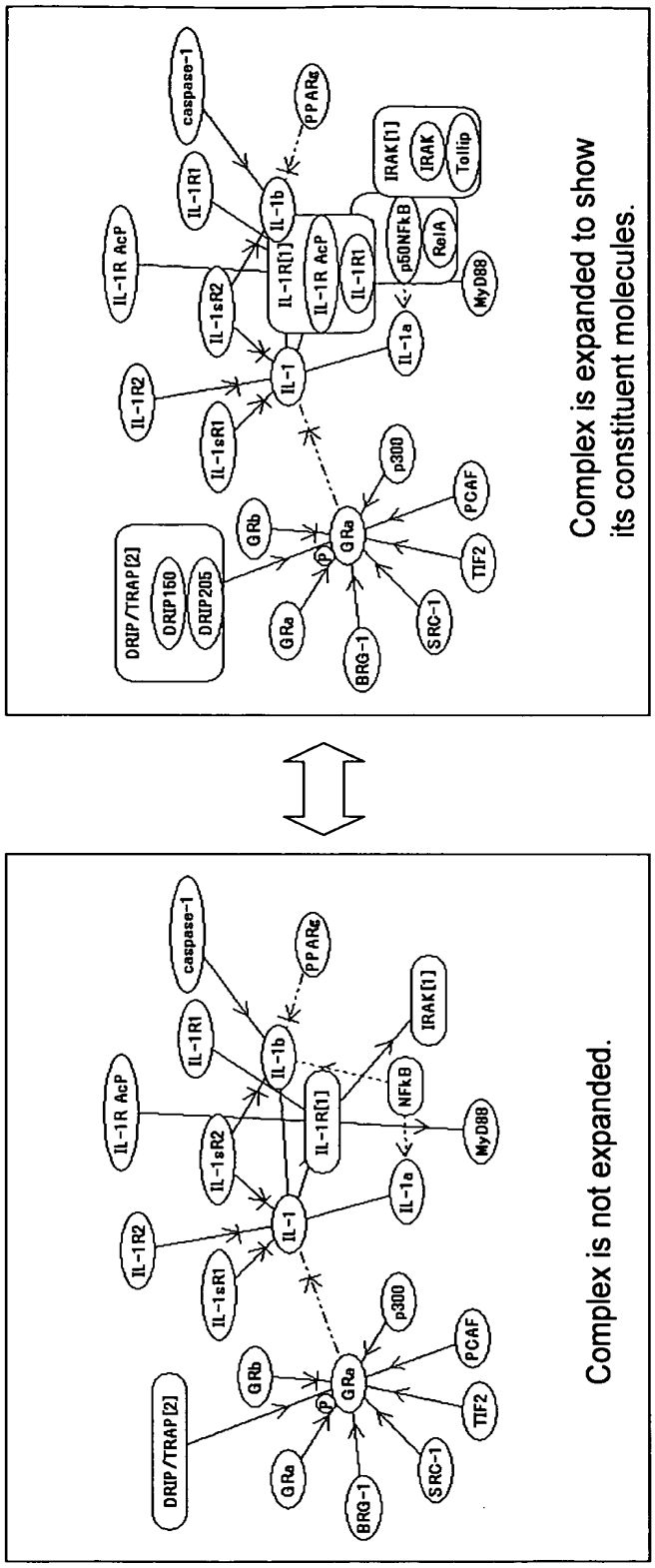
Fig.2


Complex is expanded to show its constituent molecules.
Complex is not expanded.
DRIP/TRAP[2]
DRIP160
DRIP205
GRb
GRa
P
BRG-1
p300
PCAF
TIF2
SRC-1
IL-1sR1
IL-1R2
IL-1sR2
IL-1R AcP
IL-1
IL-1a
IL-1R1
IL-1b
caspase-1
PPARg
IL-1R[1]
NFkB
p50NFkB
RelA
MyD88
IRAK[1]
IRAK
Tollip

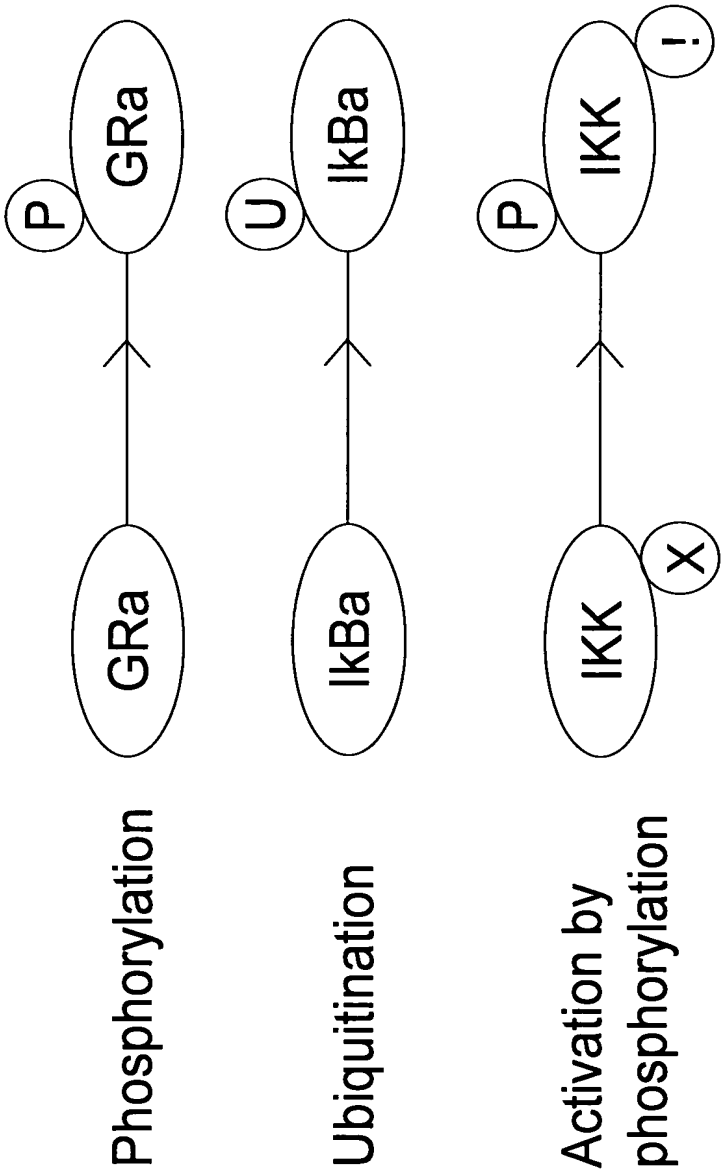

GRa
P
GRa
Phosphorylation
IkBa
U
IkBa
Ubiquitination
IKK
X
P
IKK
!
Activation by phosphorylation

Fig.3

Fig.4

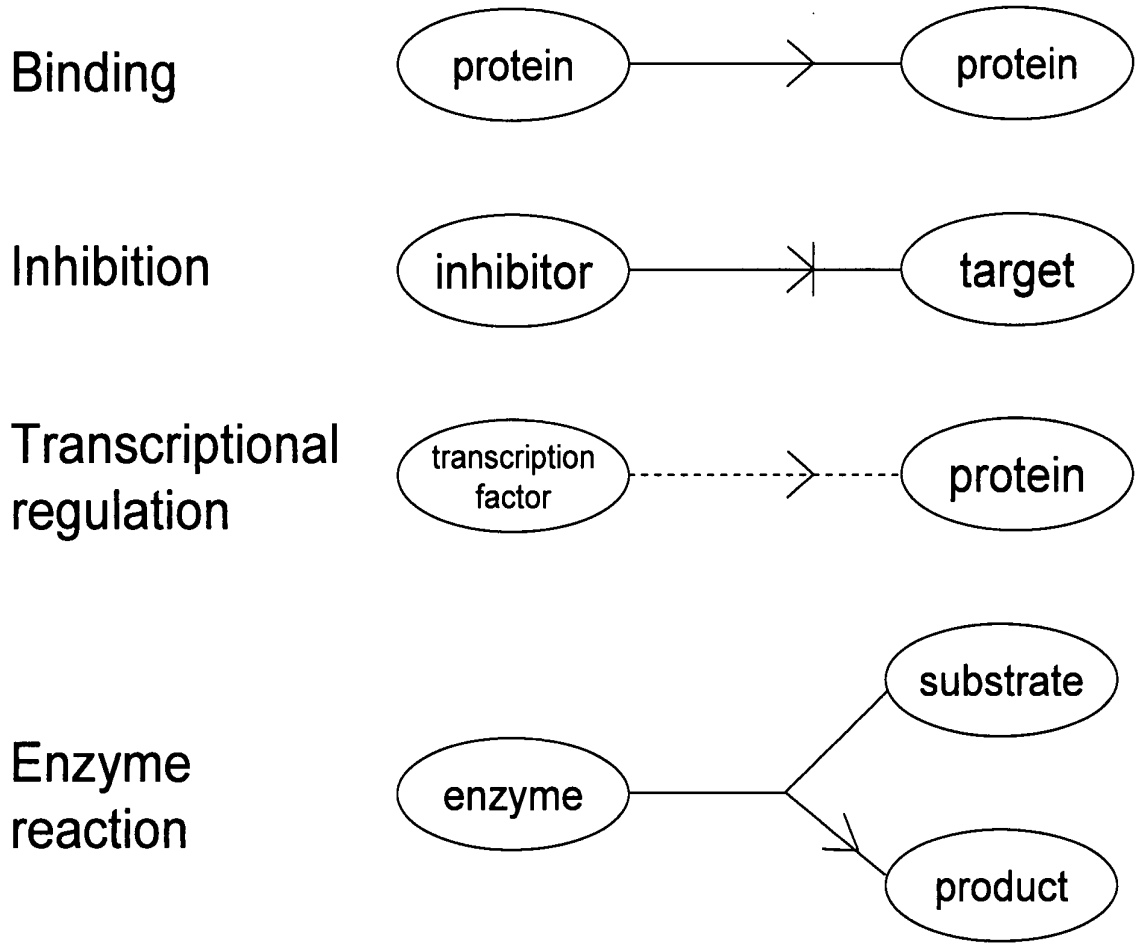


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Fig.5

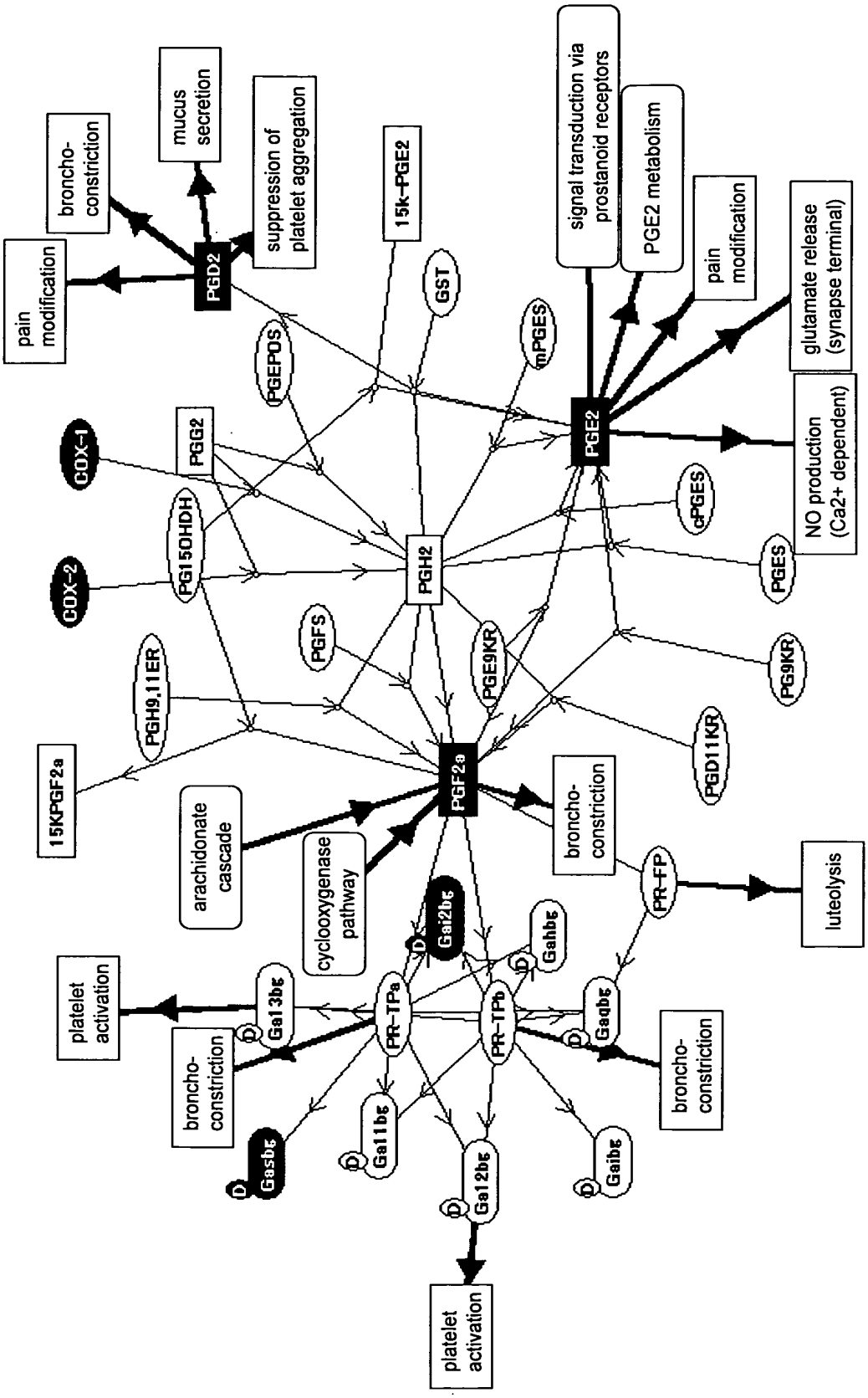
pain modification
broncho-constriction
mucus secretion
suppression of platelet aggregation
PGD2
15k-PGE2
GST
signal transduction via prostanoid receptors
PGE2 metabolism
pain modification
glutamate release (synapse terminal)
NO production (Ca2+ dependent)
PGEPOS
mPGES
PGE2
cPGES
PGES
PGG2
COX-1
COX-2
PGI5OHDH
PGH2
PGFS
PGE9KR
PG9KR
PGD11KR
PGH9,11ER
15KPGF2a
PGF2a
arachidonate cascade
cyclooxygenase pathway
broncho-constriction
PR-FP
luteolysis
platelet activation
broncho-constriction
Gai3bγ
PR-TPa
Gai2bγ
Gahbγ
PR-TPb
Gaqbγ
broncho-constriction
Gasbγ
Gai1bγ
Gai2bγ
Gaibγ
platelet activation

Fig.6

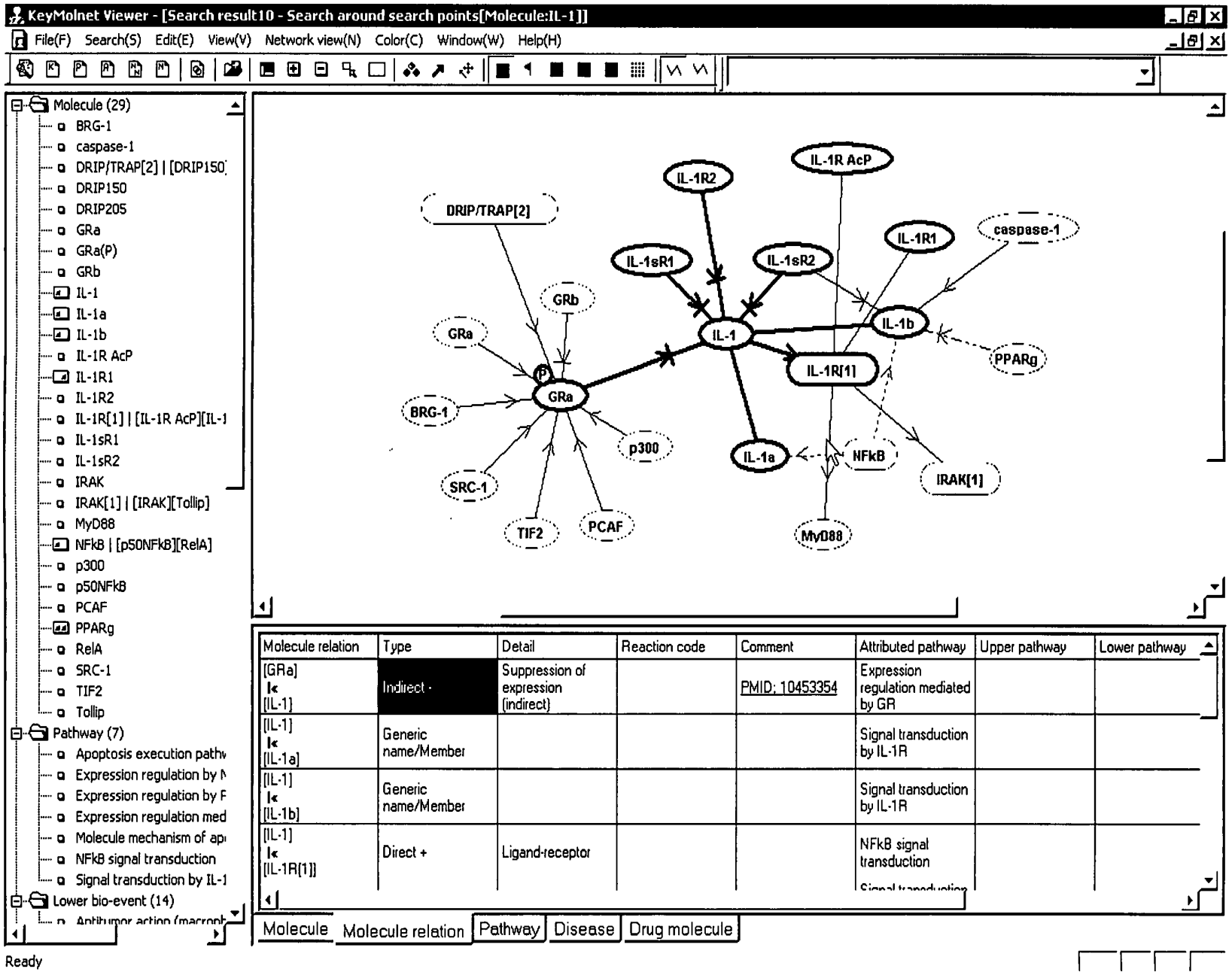

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Fig.7

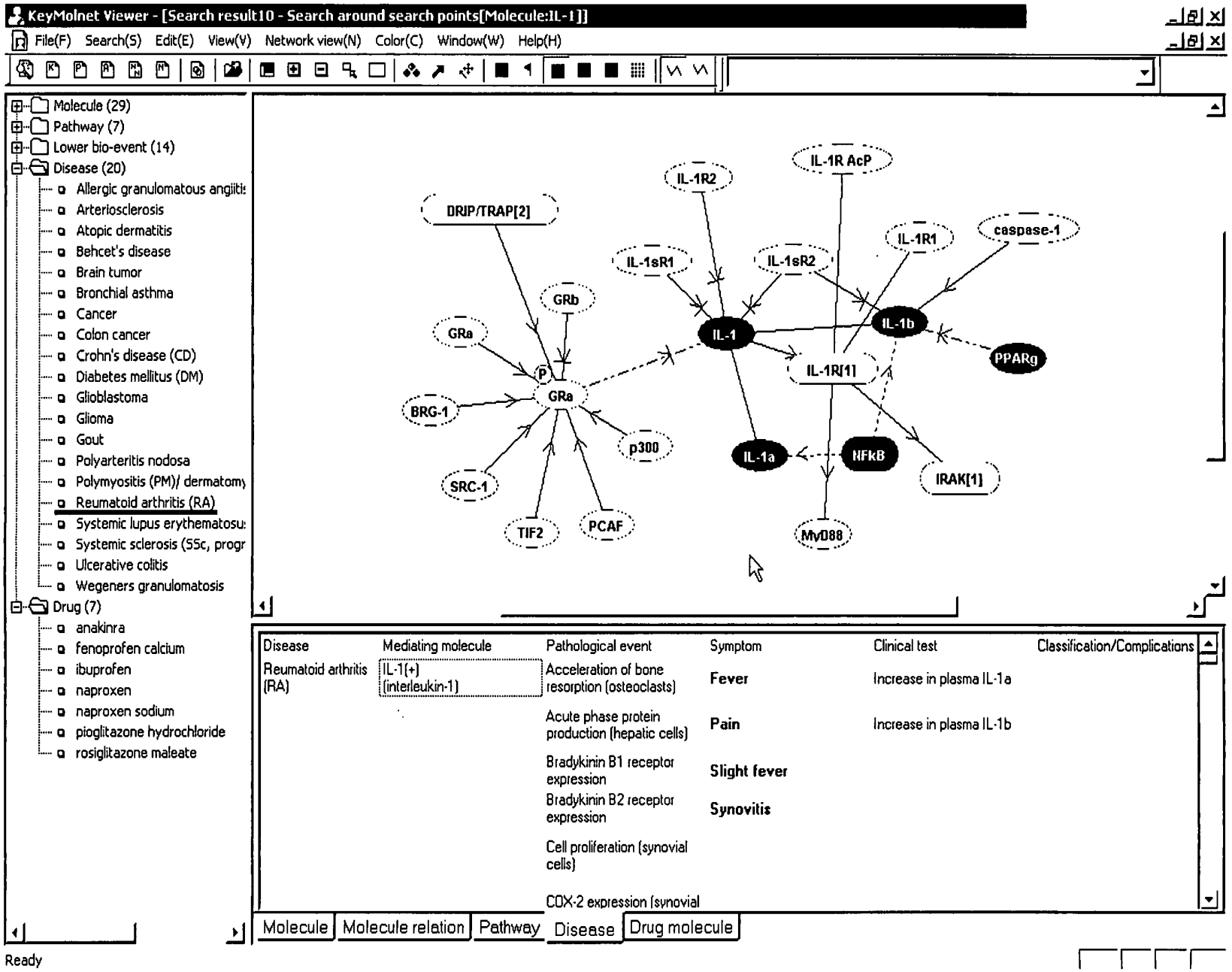

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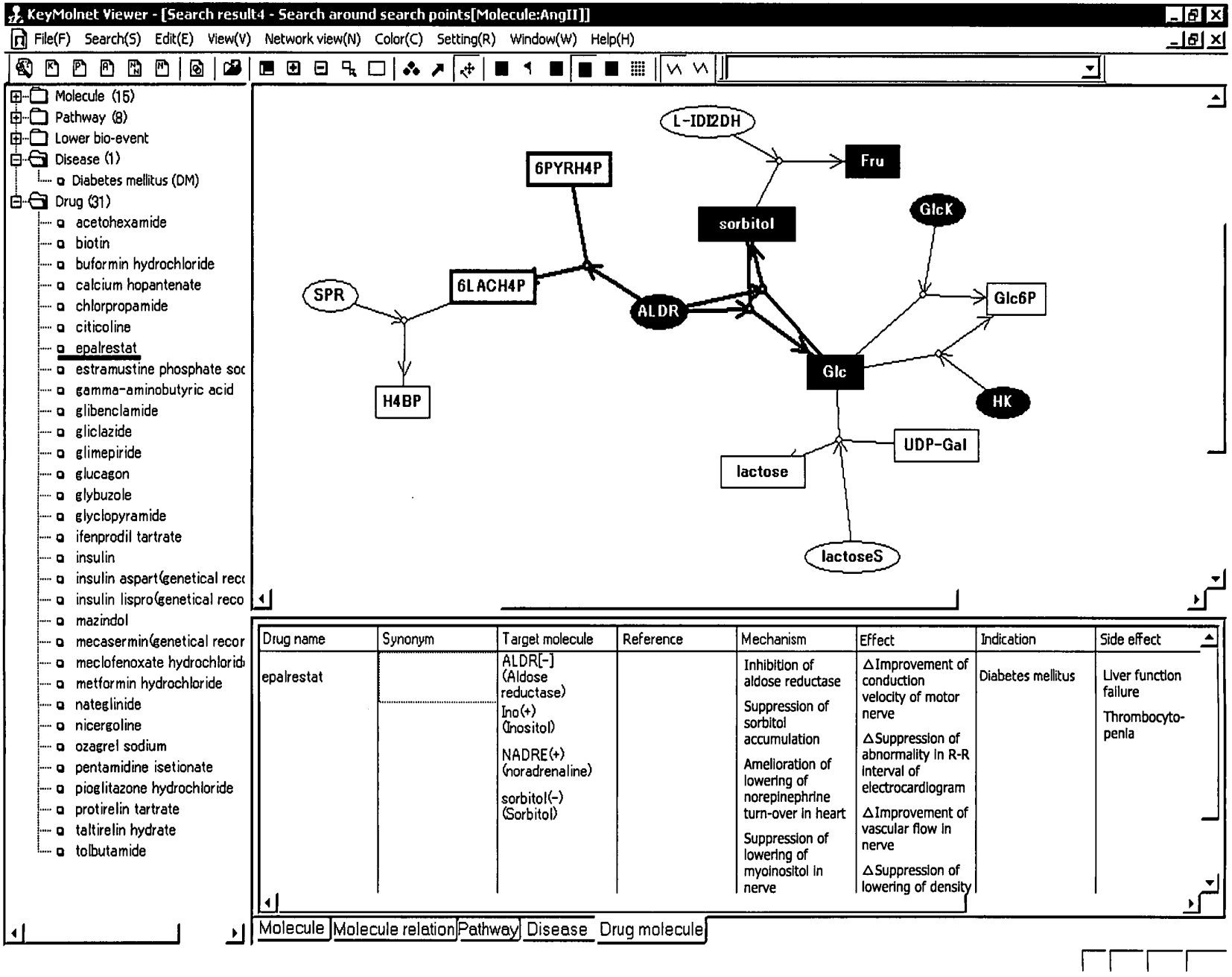
Fig.8



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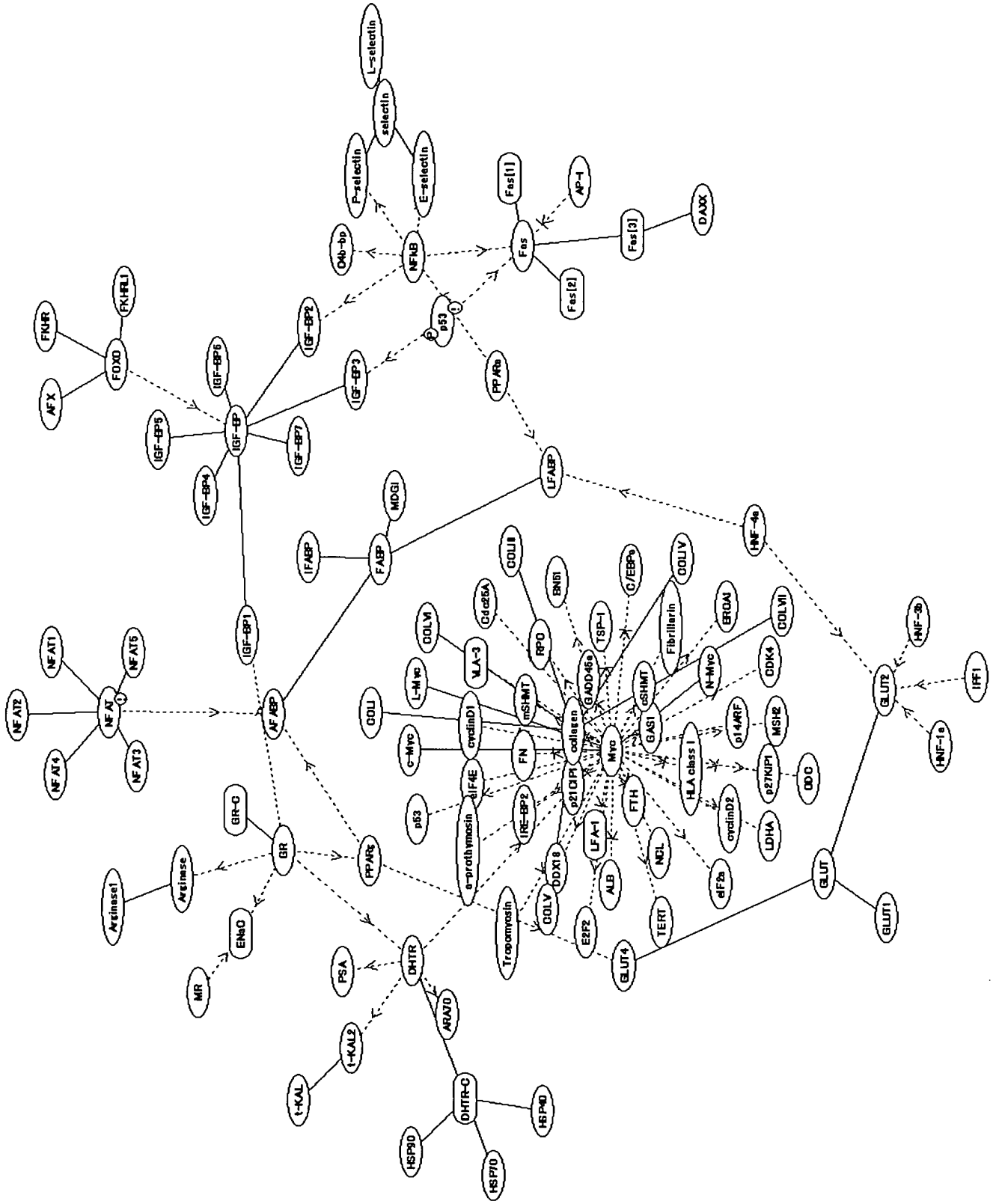
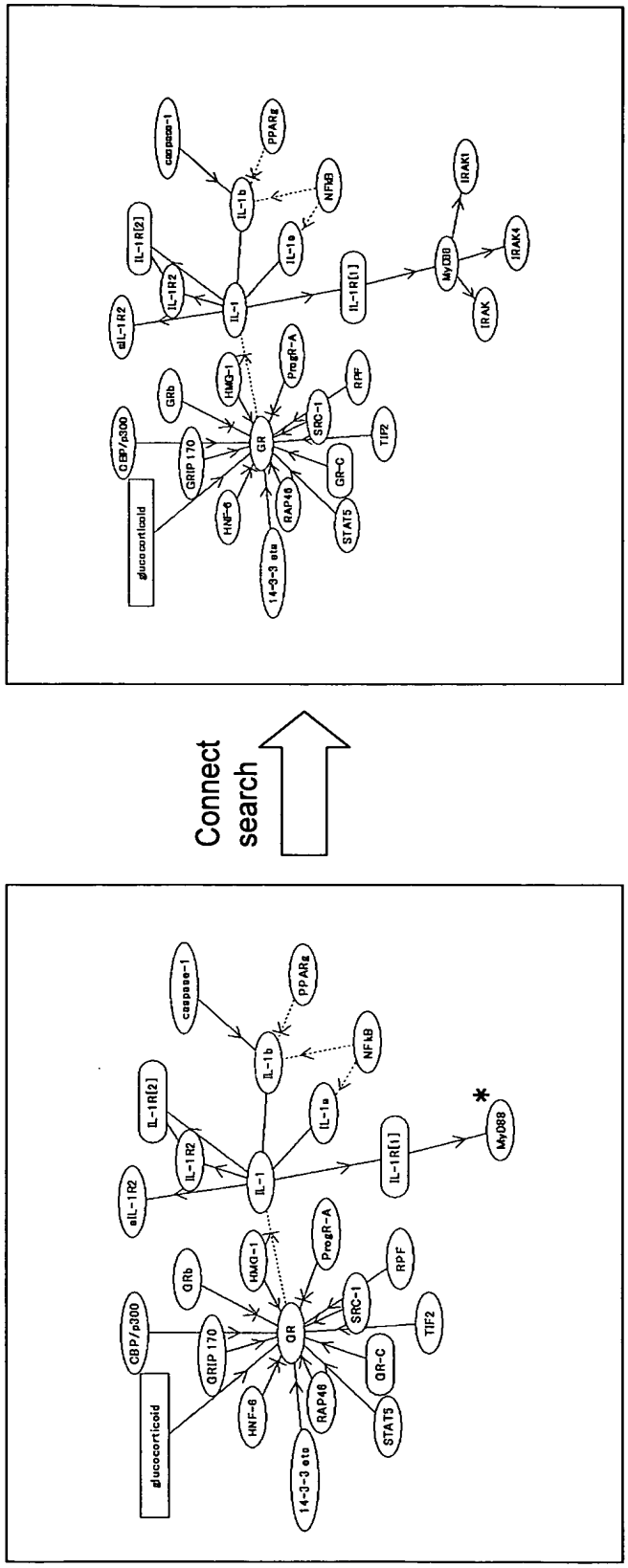

L-selectin
selectin
P-selectin
E-selectin
Fas(1)
AP-1
Fas
Fas(3)
DAXX
Fas(2)
Oxb-bp
NFkB
p53
P
IGF-BP2
IGF-BP3
IGF-BP6
IGF-BP5
IGF-BP4
IGF-BP7
IGF-BP
FKHR
FKHRL1
FOXO
AFX
PPARa
LFABP
HNF-4a
IFABP
FABP
MDGI
IGF-BP1
AFABP
NFAT1
NFAT5
NFAT2
NFAT
NFAT4
NFAT3
COLIII
Cdc25A
COLVI
VLA-3
L-Myc
COLI
cyclinD1
c-Myc
p53
eIF4E
a-prothymosin
Troponyosin
FN
IRE-BP2
mSHMT
RPO
BN51
TSP-1
C/EBPa
COLV
GADD45a
collagen
p21CIP1
DDX18
LFA-1
ALB
E2F2
Myc
FTH
NCL
TERT
GLUT4
cSHMT
GAS1
Fibrillarin
COLVII
ERDA1
N-Myc
CDK4
p14ARF
MSH2
HLA class I
p27KIP1
cyclinD2
LDHA
eIF2a
DDO
GLUT2
HNF-3b
IRF1
HNF-1a
GLUT
GLUT1
GR-D
GR
Arginase1
Arginase
ENaD
MR
PPARg
DHTR
PSA
ARA70
t-KAL2
t-KAL
DHTR-D
HSP90
HSP70
HSP40

Fig.9

Fig.10



A molecule (marked with *) in the network is designated as a starting point.

A network obtained by the connect search has been added to the original network.

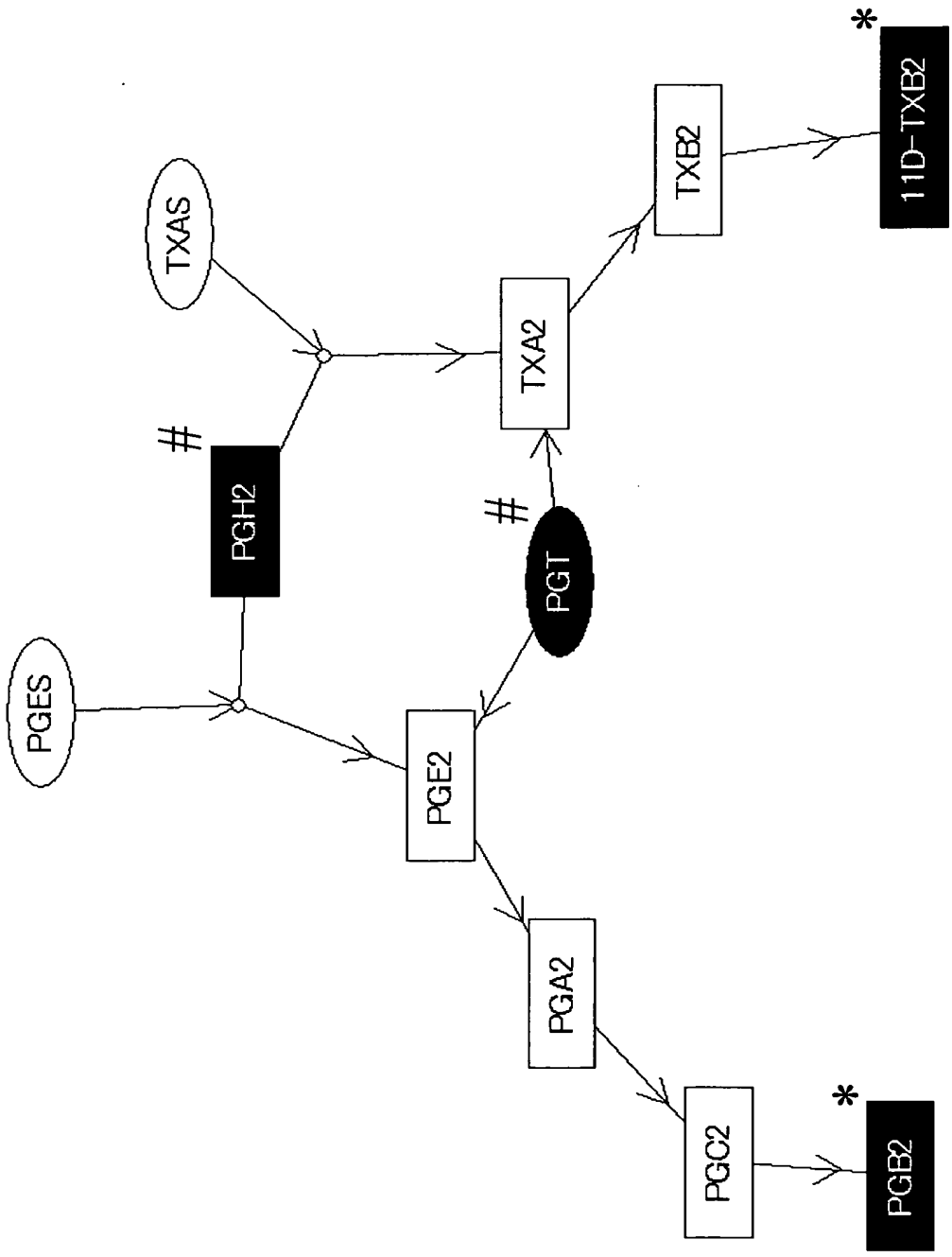


Fig.11

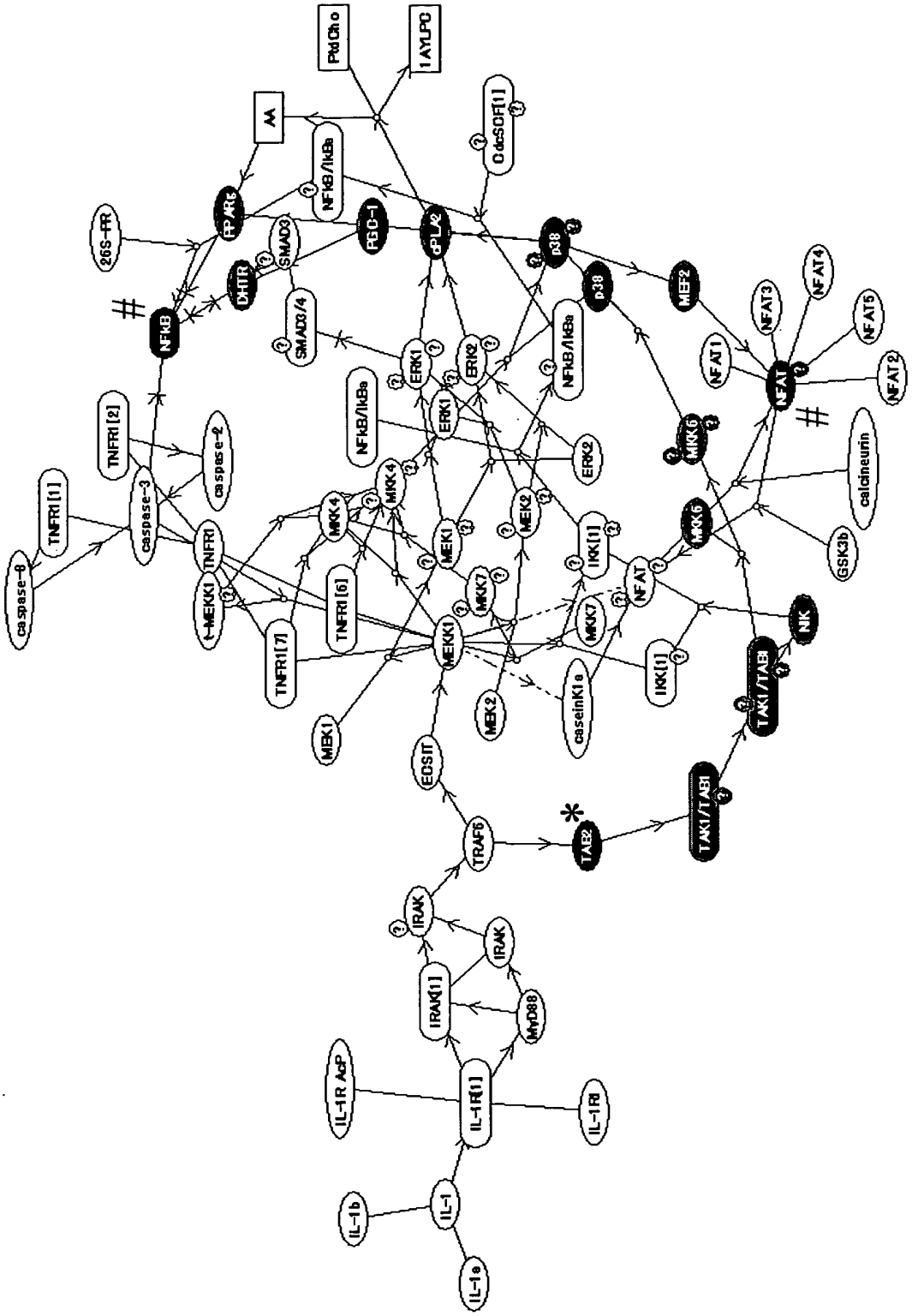

PtdCho
1AYLPG
AA
OdcSOF[1]
NFkB/IkBa
26S-PR
PPARg
PGD-1
cPLA2
SMAD3
p38
OXHR
SMAD3/4
MEF2
NFkB
ERK1
ERK2
NFAT4
NFAT3
NFAT5
NFAT1
NFAT2
NFAT
TNFR1[2]
caspase-2
caspase-3
MKK6
calcineurin
TNFR1[1]
MKK4
MEK1
MEK2
IKK[1]
GSK3b
caspase-8
t-MEKK1
TNFR1
NFAT
NIK
TNFR1[7]
TNFR1[6]
MEKK1
MKK7
IKK[1]
TAK1/TAB1
MBK1
caseinK1a
EOSIT
TRAF6
TAB2
IRAK
IRAK[1]
MyD88
IL-1R AcP
IL-1R[1]
IL-1Ri
IL-1b
IL-1
IL-1a

Fig.12

Fig.13

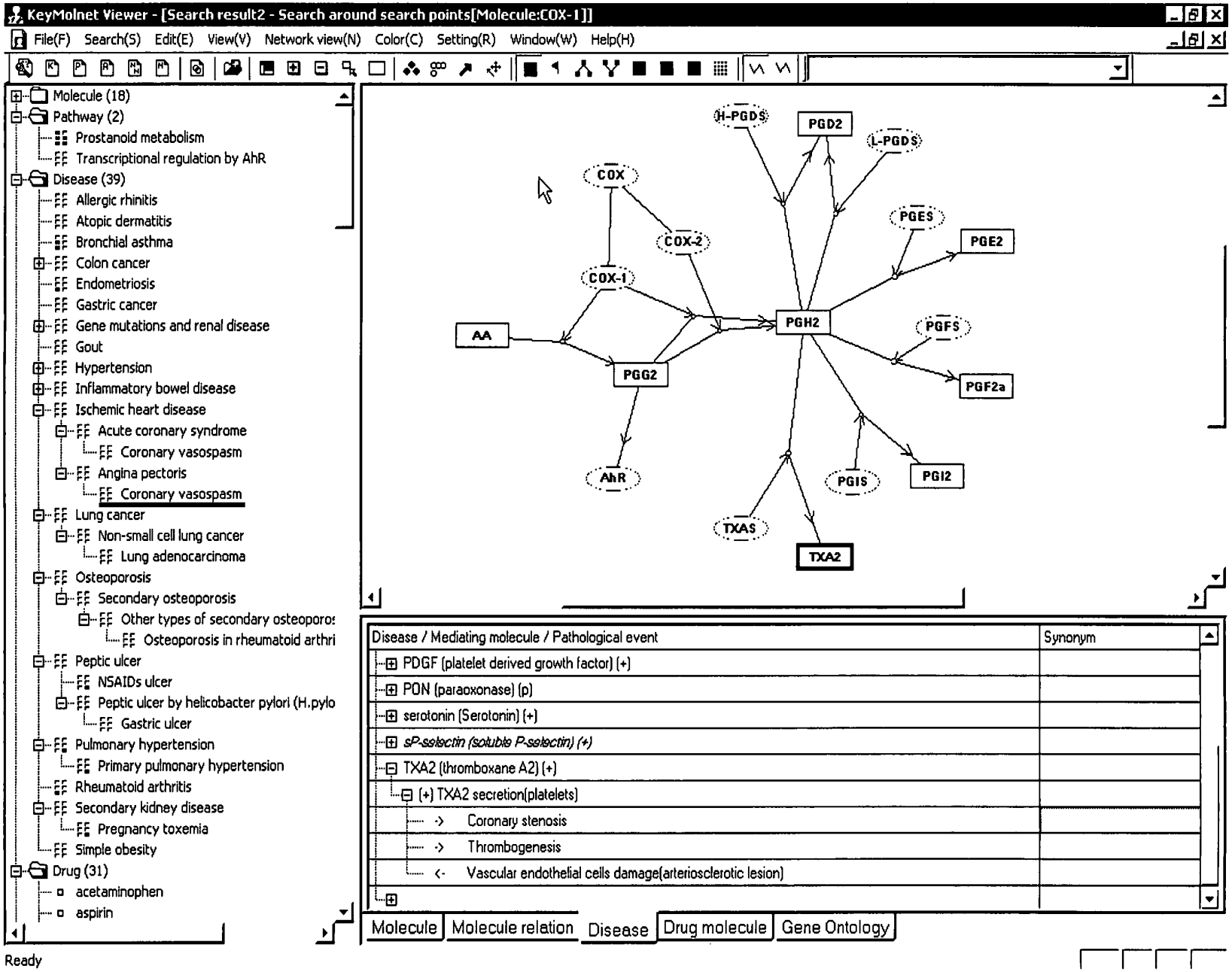


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Fig.14

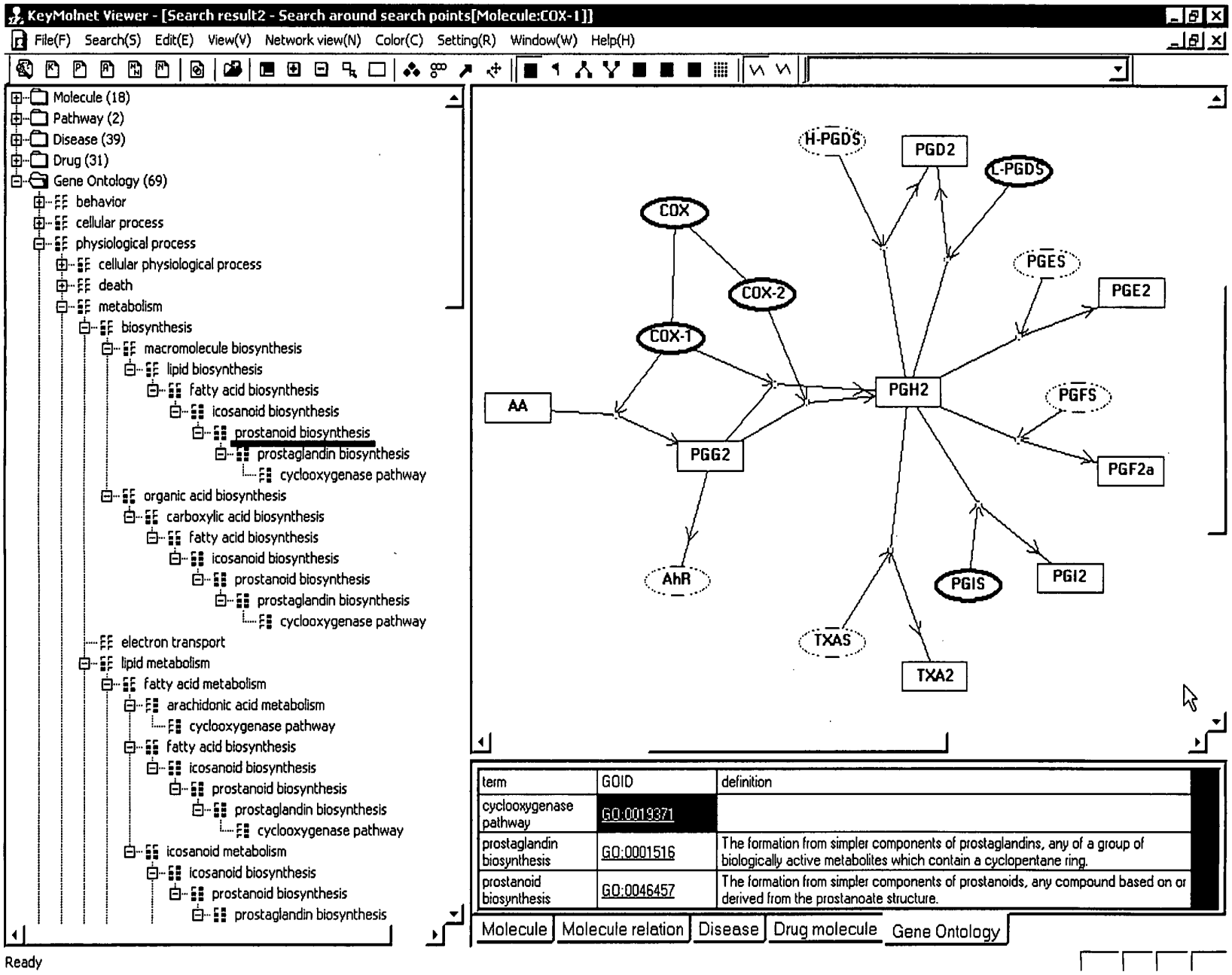

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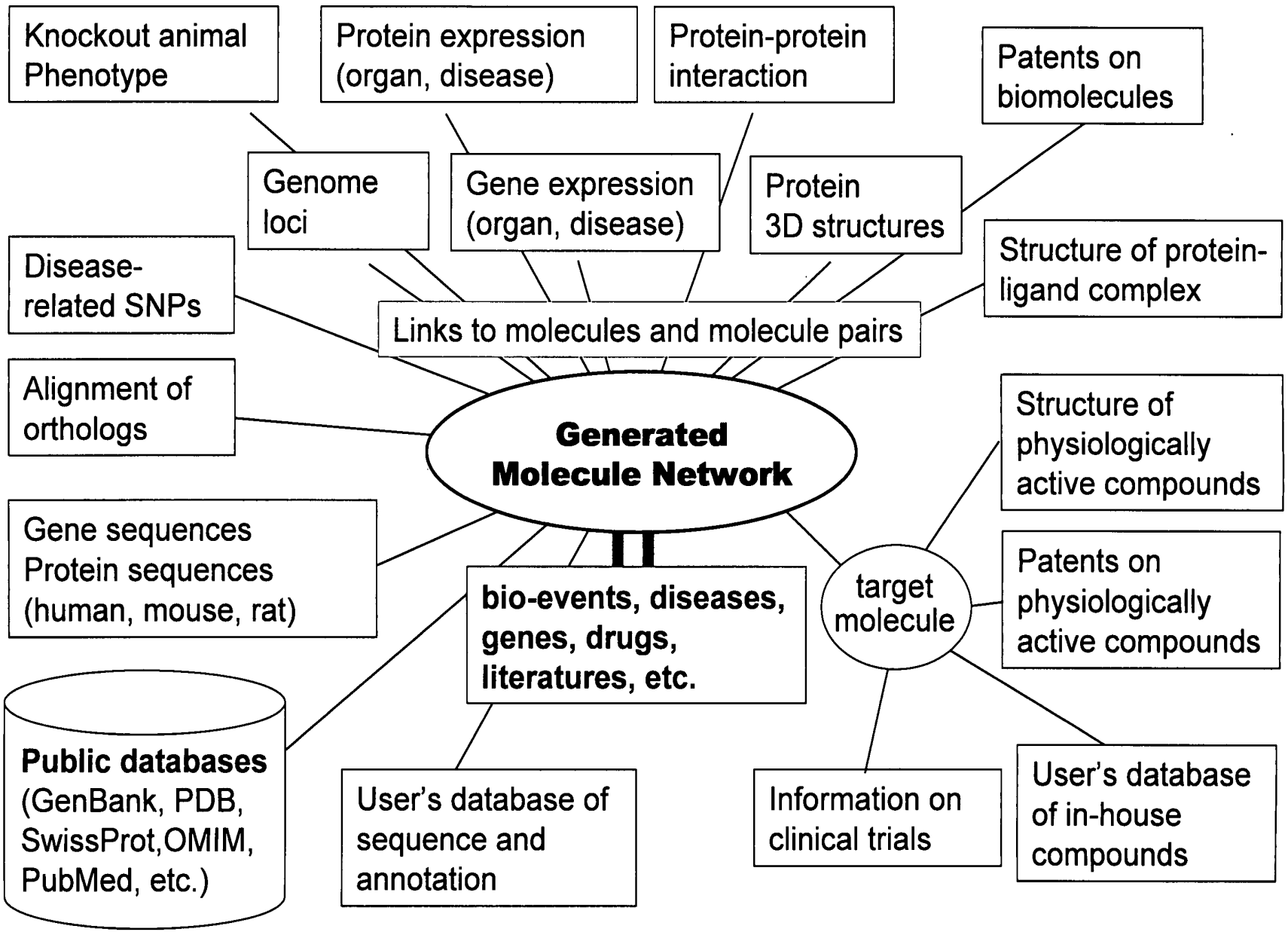
Fig.15



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